

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	6	US-6152909-\$.D.ID. OR US-4068659-\$.D.ID. OR US-20010007922-\$.D.ID.	US-PGPUB; USPAT; USOCR; DEFWENT	ADJ	ON	2010/02/27 18:41
L2	208	("2423762"   "3000380"   "3010453"   "3144868"   "3185152"   "3220411"   "3370587"   "3703174"   "3792703"   "4468216"   "4511354"   "4573966"   "4589412"   "4610662"   "4662871"   "4692139"   "4696668"   "4713060"   "4748982"   "4754755"   "4782834"   "4784636"   "4790812"   "4790813"   "4850957"   "4867156"   "4950238"   "4964409"   "4994067"   "5002528"   "5026384"   "5053023"   "5059179"   "5078688"   "5087265"   "5135484"   "5135531"   "5163905"   "5163960"   "5167239"   "5184627"   "5192291"   "5195955"   "5221256"   "5221270"   "5250060"   "5267958"   "5279546"   "5286253"   "5318576"   "5322508"   "5336205"   "5342306"   "5349950"   "5370609"   "5376071"   "5376084"   "5395311"   "5405322"   "5415636"   "5419774"   "5423742"   "5431673"   "5439000"   "5449343"   "5451206"   "5451209"   "5460610"   "5462529"   "5476450"   "5478309"   "5492763"   "5496346"   "5500180"   "5569182"   "5569204"   "5578018"   "5634897"   "5662671"   "5695519"   "5700252"   "5713849"   "5743883"   "5766211"   "5772642"   "5827229"   "6019350").FN. OR ("2001/0007922"   "4068659"   "6152909").	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/02/27 19:06

		URPN					
L4	323	"0033166"	"2930377"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/02/27 19:06
		"3173418"	"3435824"				
		"3470876"	"3521620"				
		"3547103"	"3605725"				
		"3769981"	"3889685"				
		"3889686"	"4195637"				
		"4198981"	"4230119"				
		"4236509"	"4306562"				
		"4329993"	"4417576"				
		"4423725"	"4425908"				
		"4445509"	"4447227"				
		"4456017"	"4573966"				
		"4581017"	"4597755"				
		"4636195"	"4646736"				
		"4646742"	"4661094"				
		"4676249"	"4693243"				
		"4719924"	"4723936"				
		"4744366"	"4748981"				
		"4748982"	"4753223"				
		"4757827"	"4758222"				
		"4762129"	"4763654"				
		"4771777"	"4787388"				
		"4790315"	"4794928"				
		"4795427"	"4815478"				
		"4820271"	"4820349"				
		"4832028"	"4850351"				
		"4877031"	"4886067"				
		"4892519"	"4898577"				
		"4899787"	"4909252"				
		"4923462"	"4932413"				
		"4940062"	"4944740"				
		"4944745"	"4947864"				
		"4968306"	"4968307"				
		"4976689"	"4981478"				
		"4988356"	"4994033"				
		"5024654"	"5041093"				
		"5049132"	"5059178"				
		"5067957"	"5084012"				
		"5089381"	"5108368"				
		"5112305"	"5116352"				
		"5135484"	"5149330"				
		"5163905"	"5176126"				
		"5176638"	"5176661"				
		"5176693"	"5190546"				
		"5195292"	"5195968"				
		"5195971"	"5199951"				
		"5207650"	"5213576"				
		"5222941"	"5232444"				
		"5234407"	"5254089"				
		"5255690"	"5263932"				
		"5267958"	"5279546"				
		"5284486"	"5312427"				
		"5318527"	"5330484"				
		"5334147"	"5336184"				
		"5342297"	"5356418"				
		"5360432"	"5364376"				
		"5370653"	"5380273"				
		"5387226"	"5395335"				

		"5410093"   "5417703"   "5419774"   "5425709"   "5454785"   "5462529"   "5468225"   "5490859"   "5498236").PN. OR ("5501694"   "5507795"   "5540707"   "5549119"   "5549551"   "5554114"   "5554118"   "5554163"   "5556408"   "5569275"   "5571086"   "5571094"   "5584843"   "5630427"   "5634901"   "5643228"   "5645533"   "5658262"   "5667521"   "5674198"   "5690120"   "5690613"   "5709874"   "5713848"   "5728067"   "5758656"   "5766191"   "5779673"   "5795322"   "5833644"   "5836868"   "5843103"   "5849016"   "5873880"   "5873882"   "5876414"   "5897567"   "5904698"   "5908395"   "5928203"   "5947925"   "5947985"   "5951514"   "5954737"   "5957901"   "5972019"   "5980486"   "6022336"   "6027514"   "6036708"   "6063069"   "6090118"   "6113614"   "6146395"   "6156046"   "6168579"   "6179816"   "6295990"   "6322572"   "6383205").PN. OR ("2003/0195500"   "2005/0027236"   "2005/0119615"   "2006/0041246"   "2007/0088323"   "5378234"   "5421826"   "6159195"   "6663613").URPN.				
L17	199	2 and (@pd<"20031026" or @prad<"20031026" or @ad<"20031107" or @rlad<"20031107")	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/02/27 19:07
L18	312	4 and (@pd<"20031026" or @prad<"20031026" or @ad<"20031107" or @rlad<"20031107")	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/02/27 19:07
L28	47996	guidewire or guide wire or stylet or stylette	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/02/27 19:09
L29	43900	aspiration	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/02/27 19:09
L30	1053739	coil or braid	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/02/27 19:09

L31	224	17 or 18 and L28 and L30 and L29	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/02/27 19:09
L32	1	("7232423").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/02/27 20:03
S1	100	(US-20020004667-\$ or US-20020035347-\$ or US-20020143361-\$ or US-20040006358-\$ or US-20040219028-\$ or US-20040230213-\$ or US-20050027246-\$ or US-20050033346-\$ or US-20050113853-\$ or US-20050119615-\$ or US-20050124876-\$ or US-20050131510-\$ or US-20050228418-\$ or US-20050240165-\$ or US-20060052814-\$ or US-20060189921-\$ or US-20070191812-\$ or US-20080103446-\$ or US-20080228208-\$ or US-20010004700-\$ or US-20020058956-\$ or US-20020169467-\$ or US-20050027236-\$ or US-20050288701-\$ or US-20060041246-\$).did. or (US-5318532-\$ or US-5827229-\$ or US-5882329-\$ or US-5902263-\$ or US-5941869-\$ or US-6152909-\$ or US-6152914-\$ or US-6159195-\$ or US-6319242-\$ or US-6346116-\$ or US-6398773-\$ or US-6454775-\$ or US-6602271-\$ or US-6702830-\$ or US-6716231-\$ or US-6743208-\$ or US-6824550-\$ or US-6849068-\$ or US-7041080-\$ or US-7044958-\$ or US-7244250-\$ or US-7303574-\$ or US-7344546-\$ or US-6001112-\$ or US-6206898-\$ or US-6454779-\$).did. or (US-6666874-\$ or US-7207981-\$ or US-7294117-\$ or US-7479147-\$ or US-5833668-\$ or US-5902278-\$ or US-4813938-\$ or US-5833644-\$ or US-6022336-\$ or US-6190371-\$ or US-5011488-\$ or US-5045065-\$ or US-5030201-\$ or US-5344402-\$ or US-5358472-\$ or US-5358485-\$ or US-5382230-\$ or US-5402790-\$	US-PGPUB; USPAT	ADJ	ON	2009/07/10 14:49

		or US-5507292-\$ or US-5522800-\$ or US-5542926-\$ or US-5569276-\$ or US-5571089-\$ or US-5634897-\$ or US-5846251-\$ or US-5858007-\$ or US-5971938-\$). did. or (US-5989213-\$ or US-6001078-\$ or US-6135991-\$ or US-6156016-\$ or US-6176844-\$ or US-6432091-\$ or US-6443926-\$ or US-6454741-\$ or US-6475207-\$ or US-6544276-\$ or US-6569148-\$ or US-6585705-\$ or US-6663613-\$ or US-6723084-\$ or US-6743218-\$ or US-6805692-\$ or US-6913596-\$ or US-6929633-\$ or US-6958059-\$ or US-6986778-\$ or US-7008412-\$ or US-7354445-\$).did.				
S2	2	((("5047018") or ("5190528"))). FN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/10 14:51
S3	872	("1060665"   "1248492"   "1481078"   "20020188307"   "20030093098"   "20030191491"   "20030229369"   "20040059291"   "20040059369"   "20040087988"   "20040122363"   "20050222603"   "20060259052"   "20070225739"   "2393003"   "2701559"   "2850007"   "3064651"   "3082805"   "3144868"   "3419010"   "3552384"   "3614953"   "3683891"   "3732858"   "3749085"   "3757768"   "3800783"   "3845375"   "3854473"   "3854916"   "3867945"   "3923066"   "3937222"   "3945375"   "3976077"   "4007732"   "4020847"   "4023559"   "4030503"   "4038985"   "4112708"   "4137916"   "4177797"   "4273128"   "4273131"   "4276874"   "4299226"   "4306562"   "4368730"   "4405314"   "4424045"   "4425908"   "4436091"   "4445509"   "4445892"   "4456011"   "4468216"   "4490139"   "4504268"   "4511354"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/13 16:02

"4512344"	"4549879"
"4573966"	"4581025"
"4589412"	"4596559"
"4603694"	"4610662"
"4616652"	"4621636"
"4631052"	"4636195"
"4646719"	"4646736"
"4646738"	"4649919"
"4650472"	"4653496"
"4655746"	"4661094"
"4662871"	"4664112"
"4668221"	"4669469"
"4679557"	"4679558"
"4686982"	"4692139"
"4696667"	"4696668"
"4700705"	"4701166"
"4705038"	"4705507"
"4706671"	"4713057"
"4713060"	"4714460"
"4728319"	"4729763"
"4732154"	"4738666"
"4745919"	"4747406"
"4747821"	"4748982"
"4754755"	"4762130"
"4765332"	"4771774"
"4771777"	"4781186"
"4781677"	"4782834"
"4784636"	"4787884"
"4790812"	"4790813"
"4790825"	"4794928".PN.
OR ("4794931"   "4819634"	
"4820349"	"4824436"
"4832028"	"4834709"
"4838268"	"4842579"
"4844064"	"4848343"
"4850957"	"4857046"
"4867156"	"4867157"
"4867742"	"4870953"
"4874360"	"4883458"
"4886490"	"4887613"
"4894051"	"4895166"
"4895564"	"4898577"
"4911163"	"4917103"
"4919133"	"4921478"
"4921483"	"4923462"
"4926858"	"4932413"
"4935008"	"4944740"
"4946466"	"4947864"
"4950238"	"4957482"
"4964409"	"4966604"
"4976689"	"4979939"
"4979951"	"4983169"
"4986807"	"4986814"
"4988353"	"4988356"
"4990134"	"4994067"
"5000743"	"5002528"
"5002553"	"5003918"
"5007896"	"5009659"
"5019088"	"5026384"

"5030201"	"5030210"
"5035686"	"5041093"
"5047040"	"5049124"
"5049138"	"5053023"
"5059178"	"5059179"
"5064435"	"5067957"
"5071425"	"5074841"
"5077506"	"5078688"
"5078722"	"5078723"
"5087265"	"5092839"
"5092873"	"5100426"
"5112345"	"5114399"
"5116352"	"5120816"
"5122134"	"5135484"
"5135531"	"5147318"
"5152277"	"5154705"
"5158540"	"5163905"
"5163906"	"5163960"
"5165421"	"5167239"
"5171222"	"5171244"
"5176693"	"5178625"
"5181920"	"5184627"
"5190546"	"5192291"
"5195955"	"5195956"
"5211651"	"5221256"
"5221270"	"5222941"
"5222966"	"5224938"
"5224945"	"5226889"
"5226909"	"5228459"
"5234407"	"5234451"
"5242460"	"5242461"
"5250034"	"5250060"
"5255690"	"5256141"
"5259839".PN. OR	
("5261885"   "5263932"	
"5263959"   "5267955"	
"5267958"   "5269793"	
"5273526"   "5279546"	
"5281200"   "5282813"	
"5284486"   "5286253"	
"5295493"   "5304181"	
"5306294"   "5308342"	
"5308354"   "5312427"	
"5314438"   "5318527"	
"5318576"   "5320604"	
"5320605"   "5322508"	
"5324259"   "5324269"	
"5328471"   "5330484"	
"5334147"   "5334211"	
"5336184"   "5336205"	
"5342297"   "5342306"	
"5348537"   "5349950"	
"5350390"   "5356418"	
"5358472"   "5358485"	
"5360432"   "5364376"	
"5366463"   "5370609"	
"5370651"   "5370653"	
"5372601"   "5373619"	
"5376071"   "5376084"	

"5378234"	"5380273"
"5380284"	"5387226"
"5395311"	"5395335"
"5397307"	"5397345"
"5403274"	"5403334"
"5404699"	"5405322"
"5409454"	"5410093"
"5413558"	"5415635"
"5415636"	"5417703"
"5419774"	"5423740"
"5423742"	"5423744"
"5423799"	"5423846"
"5425709"	"5431673"
"5439000"	"5439446"
"5441510"	"5443457"
"5443497"	"5449343"
"5451206"	"5451209"
"5454785"	"5454809"
"5458573"	"5458574"
"5460610"	"5462529"
"5464394"	"5468225"
"5476450"	"5478309"
"5484412"	"5489295"
"5490837"	"5490859"
"5492763"	"5496346"
"5498236"	"5500180"
"5501694"	"5505700"
"5505702"	"5507292"
"5507760"	"5507761"
"5507795"	"5512044"
"5514092"	"5514115"
"5522807"	"5522825"
"5522880"	"5540707"
"5549119"	"5549551"
"5549554"	"5554114"
"5554118"	"5554163"
"5556408"	"5562726"
"5562728").FN. OR	
("5569182"	"5569204"
"5569275"	"5569276"
"5569277"	"5569279"
"5571086"	"5571094"
"5571122"	"5571130"
"5575817"	"5578018"
"5584843"	"5599307"
"5609602"	"5609605"
"5616149"	"5624457"
"5626576"	"5628761"
"5630427"	"5632754"
"5632755"	"5634897"
"5634901"	"5643199"
"5643228"	"5643296"
"5645533"	"5649941"
"5658262"	"5662671"
"5665098"	"5667521"
"5669920"	"5674198"
"5676696"	"5676697"
"5681335"	"5681336"
"5683449"	"5683453"



"5688234"	"5690120"
"5690613"	"5694951"
"5695506"	"5695507"
"5695519"	"5697944"
"5700240"	"5700252"
"5707350"	"5707383"
"5709874"	"5713848"
"5713849"	"5713913"
"5728067"	"5728123"
"5733296"	"5735816"
"5743883"	"5758656"
"5759185"	"5766191"
"5766192"	"5766211"
"5772642"	"5772674"
"5776153"	"5779673"
"5779721"	"5779722"
"5792157"	"5795322"
"5797949"	"5807329"
"5807349"	"5820592"
"5823996"	"5824039"
"5824055"	"5827229"
"5827304"	"5827322"
"5833644"	"5833650"
"5836868"	"5836957"
"5843103"	"5843161"
"5849016"	"5871536"
"5873880"	"5873882"
"5876414"	"5879361"
"5895405"	"5897567"
"5904698"	"5906606"
"5908395"	"5913842"
"5913867"	"5919162"
"5925016"	"5928186"
"5928203"	"5938672"
"5941869"	"5941896"
"5947925"	"5947985"
"5951514"	"5954694"
"5954737"	"5954745"
"5957901"	"5968064"
"5972019"	"5980486"
"6001112"	"6019350"
"6022336"	".PN. OR
("6027514"	"6032673"
"6036708"	"6050972"
"6063069"	"6068623"
"6090118"	"6113614"
"6126667"	"6135991"
"6146395"	"6152909"
"6156046"	"6168579"
"6179816"	"6206898"
"6231588"	"6238405"
"6248092"	"6248100"
"6270477"	"6295990"
"6309399"	"6312444"
"6322572"	"6332886"
"6383205"	"6451036"
"6454779"	"6482217"
"6503261"	"6565588"
"6592548"	"6623437"

		"6623495"   "6656195"   "6666874"   "6730107"   "6790215"   "6800065"   "6818001"   "6843797"   "6849068"   "6905477"   "7172610"   "7235088").PN. OR ("2005/0027236"   "2005/0119615"   "2006/0041246"   "2006/0189921"   "2007/0191812"   "2008/0103446"   "5047018"   "5190528"   "6022336"   "6152909"   "6159195"   "6176844"   "6398773"   "6432091"   "6454741"   "6454775"   "6663613"   "7207981"   "7244250"   "7294117"   "7344546"   "7479147").URPN.				
S4	862	S3 and (@pd<"20031026" or @prad<"20031026" or @ad<"20031107" or @rlad<"20031107")	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/13 16:11
S5	45264	guidewire or guide wire or stylet or stylette	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/16 09:55
S6	3133554	shaft or tub\$3 or catheter	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/16 09:55
S7	41565	aspiration	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/16 09:55
S8	1028386	coil or braid	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/16 09:56
S9	25234	radio opaque or radiopaque	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/16 09:56
S10	3567	S5 and S6 and S7	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/16 09:57
S11	2779	S10 and (@pd<"20031026" or @prad<"20031026" or @ad<"20031107" or @rlad<"20031107")	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/16 09:58
S12	1091	S8 and S11	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/16 09:58
S13	1072	S9 and S11	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/16 09:58
S14	613	S12 and S13	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/16 09:58
S15	3882169	hub or base	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/16 09:59
S16	320	S15 and S14	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/16 09:59

S17	872	"1060665"   "1248492"   "1481078"   "20020188307"   "20030093098"   "20030191491"   "20030229369"   "20040059291"   "20040059369"   "20040087988"   "20040122363"   "20050222603"   "20060259052"   "20070225739"   "2393003"   "2701559"   "2850007"   "3064651"   "3082805"   "3144868"   "3419010"   "3552384"   "3614953"   "3683891"   "3732858"   "3749085"   "3757768"   "3800783"   "3845375"   "3854473"   "3854916"   "3867945"   "3923066"   "3937222"   "3945375"   "3976077"   "4007732"   "4020847"   "4023559"   "4030503"   "4038985"   "4112708"   "4137916"   "4177797"   "4273128"   "4273131"   "4276874"   "4299226"   "4306562"   "4368730"   "4405314"   "4424045"   "4425908"   "4436091"   "4445509"   "4445892"   "4456011"   "4468216"   "4490139"   "4504268"   "4511354"   "4512344"   "4549879"   "4573966"   "4581025"   "4589412"   "4596559"   "4603694"   "4610662"   "4616652"   "4621636"   "4631052"   "4636195"   "4646719"   "4646736"   "4646738"   "4649919"   "4650472"   "4653496"   "4655746"   "4661094"   "4662871"   "4664112"   "4668221"   "4669469"   "4679557"   "4679558"   "4686982"   "4692139"   "4696667"   "4696668"   "4700705"   "4701166"   "4705038"   "4705507"   "4706671"   "4713057"   "4713060"   "4714460"   "4728319"   "4729763"   "4732154"   "4738666"   "4745919"   "4747406"   "4747821"   "4748982"   "4754755"   "4762130"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/16 13:51
-----	-----	---	---------------------------	-----	----	---------------------

"4765332"	"4771774"
"4771777"	"4781186"
"4781677"	"4782834"
"4784636"	"4787884"
"4790812"	"4790813"
"4790825"	"4794928").PN.
OR ("4794931"   "4819634"	
"4820349"	"4824436"
"4832028"	"4834709"
"4838268"	"4842579"
"4844064"	"4848343"
"4850957"	"4857046"
"4867156"	"4867157"
"4867742"	"4870953"
"4874360"	"4883458"
"4886490"	"4887613"
"4894051"	"4895166"
"4895564"	"4898577"
"4911163"	"4917103"
"4919133"	"4921478"
"4921483"	"4923462"
"4926858"	"4932413"
"4935008"	"4944740"
"4946466"	"4947864"
"4950238"	"4957482"
"4964409"	"4966604"
"4976689"	"4979939"
"4979951"	"4983169"
"4986807"	"4986814"
"4988353"	"4988356"
"4990134"	"4994067"
"5000743"	"5002528"
"5002553"	"5003918"
"5007896"	"5009659"
"5019088"	"5026384"
"5030201"	"5030210"
"5035686"	"5041093"
"5047040"	"5049124"
"5049138"	"5053023"
"5059178"	"5059179"
"5064435"	"5067957"
"5071425"	"5074841"
"5077506"	"5078688"
"5078722"	"5078723"
"5087265"	"5092839"
"5092873"	"5100426"
"5112345"	"5114399"
"5116352"	"5120816"
"5122134"	"5135484"
"5135531"	"5147318"
"5152277"	"5154705"
"5158540"	"5163905"
"5163906"	"5163960"
"5165421"	"5167239"
"5171222"	"5171244"
"5176693"	"5178625"
"5181920"	"5184627"
"5190546"	"5192291"
"5195955"	"5195956"

"5211651"	"5221256"
"5221270"	"5222941"
"5222966"	"5224938"
"5224945"	"5226889"
"5226909"	"5228459"
"5234407"	"5234451"
"5242460"	"5242461"
"5250034"	"5250060"
"5255690"	"5256141"
"5259839"	".PN. OR
("5261885"	"5263932"
"5263959"	"5267955"
"5267958"	"5269793"
"5273526"	"5279546"
"5281200"	"5282813"
"5284486"	"5286253"
"5295493"	"5304181"
"5306294"	"5308342"
"5308354"	"5312427"
"5314438"	"5318527"
"5318576"	"5320604"
"5320605"	"5322508"
"5324259"	"5324269"
"5328471"	"5330484"
"5334147"	"5334211"
"5336184"	"5336205"
"5342297"	"5342306"
"5348537"	"5349950"
"5350390"	"5356418"
"5358472"	"5358485"
"5360432"	"5364376"
"5366463"	"5370609"
"5370651"	"5370653"
"5372601"	"5373619"
"5376071"	"5376084"
"5378234"	"5380273"
"5380284"	"5387226"
"5395311"	"5395335"
"5397307"	"5397345"
"5403274"	"5403334"
"5404699"	"5405322"
"5409454"	"5410093"
"5413558"	"5415635"
"5415636"	"5417703"
"5419774"	"5423740"
"5423742"	"5423744"
"5423799"	"5423846"
"5425709"	"5431673"
"5439000"	"5439446"
"5441510"	"5443457"
"5443497"	"5449343"
"5451206"	"5451209"
"5454785"	"5454809"
"5458573"	"5458574"
"5460610"	"5462529"
"5464394"	"5468225"
"5476450"	"5478309"
"5484412"	"5489295"
"5490837"	"5490859"

"5492763"	"5496346"
"5498236"	"5500180"
"5501694"	"5505700"
"5505702"	"5507292"
"5507760"	"5507761"
"5507795"	"5512044"
"5514092"	"5514115"
"5522807"	"5522825"
"5522880"	"5540707"
"5549119"	"5549551"
"5549554"	"5554114"
"5554118"	"5554163"
"5556408"	"5562726"
"5562728")	.PN. OR
("5569182"	"5569204"
"5569275"	"5569276"
"5569277"	"5569279"
"5571086"	"5571094"
"5571122"	"5571130"
"5575817"	"5578018"
"5584843"	"5599307"
"5609602"	"5609605"
"5616149"	"5624457"
"5626576"	"5628761"
"5630427"	"5632754"
"5632755"	"5634897"
"5634901"	"5643199"
"5643228"	"5643296"
"5645533"	"5649941"
"5658262"	"5662671"
"5665098"	"5667521"
"5669920"	"5674198"
"5676696"	"5676697"
"5681335"	"5681336"
"5683449"	"5683453"
"5688234"	"5690120"
"5690613"	"5694951"
"5695506"	"5695507"
"5695519"	"5697944"
"5700240"	"5700252"
"5707350"	"5707383"
"5709874"	"5713848"
"5713849"	"5713913"
"5728067"	"5728123"
"5733296"	"5735816"
"5743883"	"5758656"
"5759185"	"5766191"
"5766192"	"5766211"
"5772642"	"5772674"
"5776153"	"5779673"
"5779721"	"5779722"
"5792157"	"5795322"
"5797949"	"5807329"
"5807349"	"5820592"
"5823996"	"5824039"
"5824055"	"5827229"
"5827304"	"5827322"
"5833644"	"5833650"
"5836868"	"5836957"

		"5843103"   "5843161"   "5849016"   "5871536"   "5873880"   "5873882"   "5876414"   "5879361"   "5895405"   "5897567"   "5904698"   "5906606"   "5908395"   "5913842"   "5913867"   "5919162"   "5925016"   "5928186"   "5928203"   "5938672"   "5941869"   "5941896"   "5947925"   "5947985"   "5951514"   "5954694"   "5954737"   "5954745"   "5957901"   "5968064"   "5972019"   "5980486"   "6001112"   "6019350"   "6022336").PN. OR ("6027514"   "6032673"   "6036708"   "6050972"   "6063069"   "6068623"   "6090118"   "6113614"   "6126667"   "6135991"   "6146395"   "6152909"   "6156046"   "6168579"   "6179816"   "6206898"   "6231588"   "6238405"   "6248092"   "6248100"   "6270477"   "6295990"   "6309399"   "6312444"   "6322572"   "6332886"   "6383205"   "6451036"   "6454779"   "6482217"   "6503261"   "6565588"   "6592548"   "6623437"   "6623495"   "6656195"   "6666874"   "6730107"   "6790215"   "6800065"   "6818001"   "6843797"   "6849068"   "6905477"   "7172610"   "7235088").PN. OR ("2005/0027236"   "2005/0119615"   "2006/0041246"   "2006/0189921"   "2007/0191812"   "2008/0103446"   "5047018"   "5190528"   "6022336"   "6152909"   "6159195"   "6176844"   "6398773"   "6432091"   "6454741"   "6454775"   "6663613"   "7207981"   "7244250"   "7294117"   "7344546"   "7479147").URPN.				
S18	848	S6 and S17	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/16 13:51

S19	192	S7 and S18	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/16 13:51
S20	1	("6635033").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/17 15:26

**2/ 27/ 2010 9:03:41 PM**

**C:\ Documents and Settings\ iholloway\ My Documents\ EAST\ Workspaces\ app10576534.wsp**